

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6: (11) International Publication Number: ₩O 99/56730 A61K 9/20 A1 (43) International Publication Date: 11 November 1999 (11.11.99)

(21) International Application Number:

PCT/US99/09575

(22) International Filing Date:

3 May 1999 (03,05.99)

(30) Priority Data:

60/084,646 09/274,648

7 May 1998 (07.05.98) 23 March 1999 (23,03,99)

US

(71) Applicant (for all designated States except US): ALZA COR-PORATION [US/US]; 950 Page Mill Road, P.O. Box 10950. Palo Alto, CA 94303-0802 (US).

(72) Inventors; and

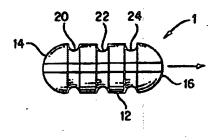
(75) Inventors/Applicants (for US only): EDGREN, David, E. [US/US]; 261 Francisco Street, El Granada, CA 94018 (US). WONG, Patrick, S.-L. [US/US]; 1533 Burlingame Avenue, Burlingame, CA 94010 (US). JAO, Francisco [US/US]; 5260 Arezzo Drive, San Jose, CA 95138 (US). PUGA, Yolanda, M. [US/US]; 715 Barret Avenue, Morgan Hill, CA 95037 (US).

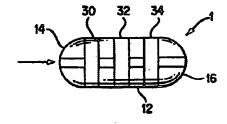
(74) Agent: REISTER, Andrea, G.; Howrey & Simon, 1299 Pennsylvania Avenue, N.W., Box 34, Washington, DC 20004-2402 (US). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR. BY, CA. CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, IP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

(54) Title: METHOD OF FABRICATING A BANDED PROLONGED RELEASE ACTIVE AGENT DOSAGE FORM





(57) Abstract

The present invention is directed to an active agent dosage form and methods of its fabrication which is useful for the prolonged delivery of an active agent formulation to a fluid environment of use. The active agent dosage form is a matrix that has on its surface one or more insoluble bands located in complementary grooves. The invention is also directed to articles of manufacture, methods and systems for fabricating the active agent dosage form.